

ABSTRACT OF THE DISCLOSURE

The invention relates to kits and methods for assessing susceptibility of a human to an undesirable bone density condition, such as osteopenia and osteoporosis. The methods involve assessing occurrence in the human's genome of one or more

- 5 polymorphisms (e.g., single nucleotide polymorphisms) that occur in one or more genes associated with bone density regulation and that are associated with a disorder (i.e., any disorder) in humans. Preferred assessment and scoring methods are disclosed, as are kits for performing the methods.

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